



SEQUENCE LISTING

<110> Pal Maliga
Jon Y. Suzuki

<120> Plastid rRNA Operon Promoter Elements for
Construction of Chimeric Promoters for Transgene Expression

<130> 1594 RUT 03-083US

<140> 10/737,251

<141> 2003-12-15

<150> 60/433,302

<151> 2002-12-13

<160> 51

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<211> 179

<212> DNA

<213> Nicotiana tabacum

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<213> Escherichia Coli

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 <220>
 <223> Prn promoter derivative

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 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 27
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 <213> Hordeum vulgare

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 <212> DNA
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 <210> 35
 <211> 58
 <212> DNA
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 <210> 36
 <211> 58
 <212> DNA
 <213> Hordeum vulgare

 <400> 36
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 <210> 37
 <211> 47
 <212> DNA
 <213> Nicotiana tabacum

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 <212> DNA
 <213> Nicotiana tabacum

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actccgggcg	aatatgaagc	gcatggatac	aagttatgcc	ttggaatgaa	agacaattcc	180
gaatccgctt	tgtctacgaa	caaggaagct	ataagtaatg	caactatgaa	tct	237

<210> 39
 <211> 237
 <212> DNA
 <213> *Oryza Sativa*

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atggataaga	ggcttgtggg	attgacgtga	tagggtaggg	ttggctatac	tgctggtggc	120
gaactccagg	ctaataatct	gaagcgcgat	gatacaagtt	atccttggaa	ggaaagacaa	180
ttccgaatcc	gctttgtcta	cgaataagga	agctataagt	aatgcaacta	tgaatct	237

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 <213> *Zea mays*

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aactccaggc	taataatctg	aagcgcgatg	atacaagtta	tccttgggaag	gaaagacaat	180
tccgaatccg	ctttgtctac	gaataagga	gctataagta	atgcaactat	gaatct	236

<210> 41
 <211> 233
 <212> DNA
 <213> *Spinacea oleracea*

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gaataagagg	ctcgtgggat	tgacgtgagg	gggtagggat	ggctatatatt	ctgggagcga	120
actccaggcg	aatatgaagc	gcatggatac	aagttatgcc	ttggaatgaa	agacaattcc	180
gaatccgctt	tgtctacgaa	caaggaagct	ataagtaatg	caactatgaa	tct	237

<210> 42
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 <212> DNA
 <213> *Daucus carota*

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aactccgggc	gaatatgaag	cgcatggata	caagttaggc	cttgggaatga	aagacaattc	180
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<210> 43
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 <212> DNA
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gcgaactcca	tgcgaatatg	aagcgcgatg	atacaagtta	tgacttggaa	tgaaagacaa	180
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<213> Glycine max

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<213> Pisum sativum

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gaatagtaag cccatggata caagtcaagt tatgtcttct cagttcagta actgaaatca 180
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tataagtaat gcaactagga agct 264

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<223> ribosome binding site

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<210> 47
<211> 10
<212> PRT
<213> homo sapien

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<210> 48
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<212> DNA
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<220>
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<400> 48
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<210> 49
<211> 20
<212> DNA
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<220>
<223> primer

<400> 49
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gaa	63